

INTERNATIONAL SEARCH REPORT

International Application No
EP2004/013764A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A47L15/00 A47L15/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A47L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 980 670 A (PREMARK FEG L.L.C) 23 February 2000 (2000-02-23) paragraphs '0008! - '0018! -----	1
A	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 09, 4 September 2002 (2002-09-04) & JP 2002 143067 A (SANYO ELECTRIC CO LTD), 21 May 2002 (2002-05-21) abstract -----	1
A	US 5 846 339 A (MASSHOFF ET AL) 8 December 1998 (1998-12-08) column 4, lines 45-47 -----	1
A	US 2 095 502 A (JOHNSTON HERBERT L) 12 October 1937 (1937-10-12) the whole document ----- -/--	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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- * & * document member of the same patent family

Date of the actual completion of the international search

16 March 2005

Date of mailing of the international search report

12/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Martin Gonzalez, G

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International Application No
PCT/EP2004/013764

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>DE 43 10 189 A1 (GERLACH, MATTHIAS, DIPL.-ING., 61440 OBERURSEL, DE) 6 October 1994 (1994-10-06) the whole document</p>	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/013764

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0980670	A	23-02-2000	DE 19829650 A1 AT 254428 T DE 59907782 D1 EP 0980670 A2	05-01-2000 15-12-2003 24-12-2003 23-02-2000
JP 2002143067	A	21-05-2002	NONE	
US 5846339	A	08-12-1998	DE 4339503 A1 AT 164299 T AU 693490 B2 AU 1065595 A BR 9408091 A CA 2176701 A1 DE 69409253 D1 DE 69409253 T2 WO 9514424 A2 EP 0729315 A1 ES 2113726 T3 JP 9509073 T NZ 276397 A PL 314528 A1 ZA 9409102 A	24-05-1995 15-04-1998 02-07-1998 13-06-1995 12-08-1997 01-06-1995 30-04-1998 16-07-1998 01-06-1995 04-09-1996 01-05-1998 16-09-1997 26-01-1998 16-09-1996 21-07-1995
US 2095502	A	12-10-1937	NONE	
DE 4310189	A1	06-10-1994	NONE	

PATENT COOPERATION TREATY

10/551963

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NOTIFICATION CONCERNING
SUBMISSION OR TRANSMITTAL
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(PCT Administrative Instructions, Section 411)

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HÖRSCHLER, Wolfram
Isenbruck Bösl Hörschler Wichmann
Huhn
Theodor-Heuss-Anlage 12
68165 Mannheim
Germany

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		Priority date (day/month/year) 08 December 2003 (08.12.2003)	
Applicant MEIKO MASCHINENBAU GMBH & CO. KG et al			

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<u>Priority date</u>	<u>Priority application No.</u>	<u>Country or regional Office or PCT receiving Office</u>	<u>Date of receipt of priority document</u>
08 Dece 2003 (08.12.2003)	103 57 256.2	DE	07 Janu 2005 (07.01.2005)

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Facsimile No. (41-22) 338.89.70

Authorized officer

Silvie STENDER

Telephone No. (41-22) 338 9926